FIG. 1

System Block												
Address	Field	Value	Size	Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	Bit 0	Notes
+0	BlockID		1 byte									Block ID
+1	DataLength		1 byte									Byte count from +2, parity byte not included
+2	Acc_type high		1 byte									
	MasterType		6 bit							#	#	MasterType
	SubType MSB		2 bit	#	#	#	#	#	#			SubType high
+3	Acc_type low		1 byte									
	SubType LSB		3 bit				#	#	#	#	#	SubType low
	Acc_ID		5 bit	#	#	#						Accessory identification number
+4	Parity byte		1 byte									Odd parity for each bit

FIG. 2

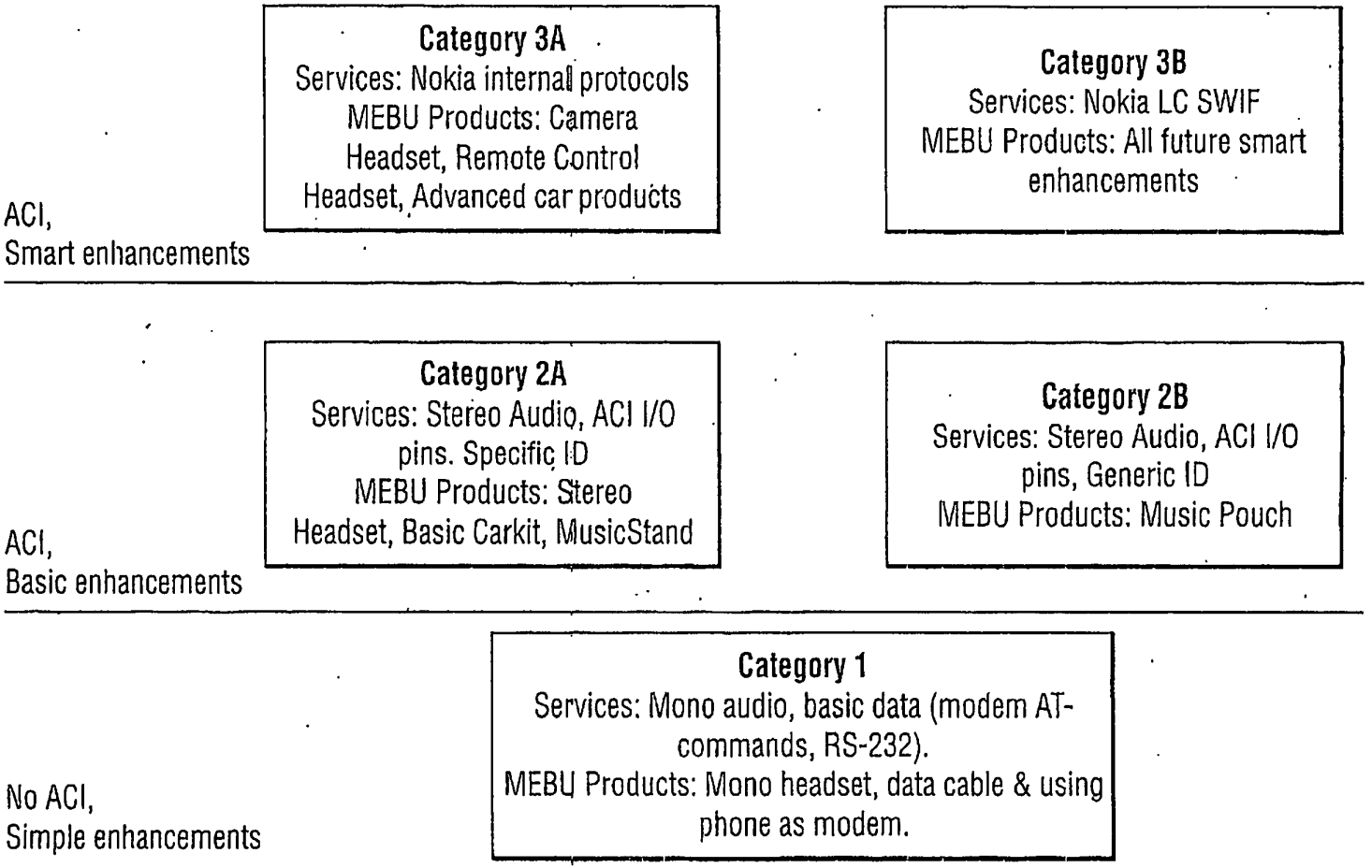
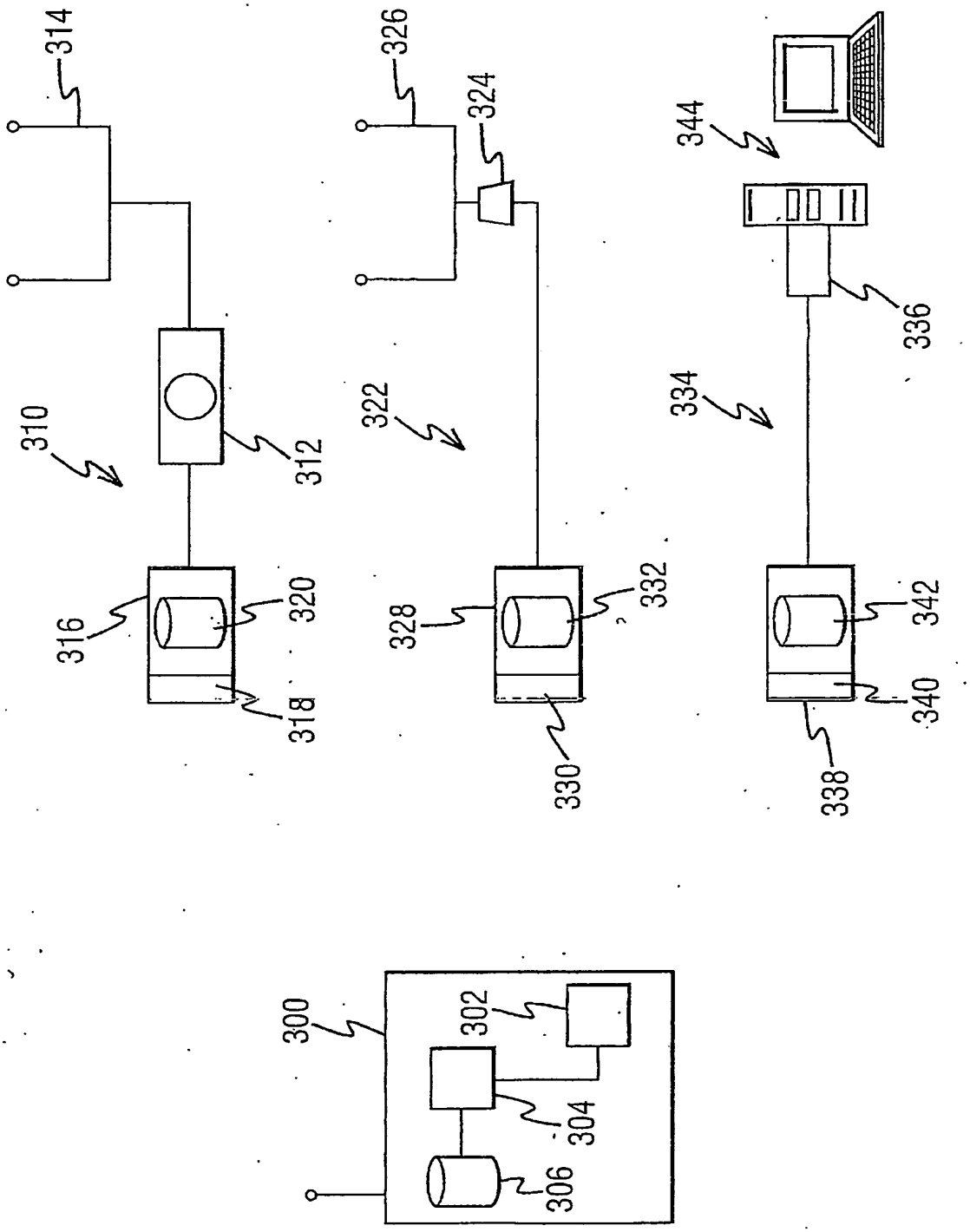

Category 3A
Services: Nokia internal protocols
MEBU Products: Camera Headset, Remote Control Headset, Advanced car products
Category 3B
Services: Nokia LC SWIF
MEBU Products: All future smart enhancements
ACI, Smart enhancements
Category 2A
Services: Stereo Audio, ACI I/O pins. Specific ID
MEBU Products: Stereo Headset, Basic Carkit, MusicStand
Category 2B
Services: Stereo Audio, ACI I/O pins, Generic ID
MEBU Products: Music Pouch
ACI, Basic enhancements
Category 1
Services: Mono audio, basic data (modem AT-commands, RS-232).
MEBU Products: Mono headset, data cable & using phone as modem.
No ACI, Simple enhancements

FIG. 3


314
310
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300
302
304
306

FIG: 4

Generic ID System Block												
Address	Field	Value	Size	Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	Bit 0	Notes
+0	Block_ID		4 bits					#	#	#	#	Block ID
	Device_ID		12 bits	#	#	#	#					
												Device_ID
+2	Resource _ID		1 byte									
+3	Device_type		3 bits				#	#	#	#	#	Device type
	Spare		5 bits	#	#	#						Spare
+4	I/O_Inf		8 byte									
			1 bit		#	#	#	#	#	#	#	Feature active state (0/1)
			7 bit	#								Feature for I/O-pin (0...7)
+12	I/O input/output		1 byte									'1' = Output, '0'= Input

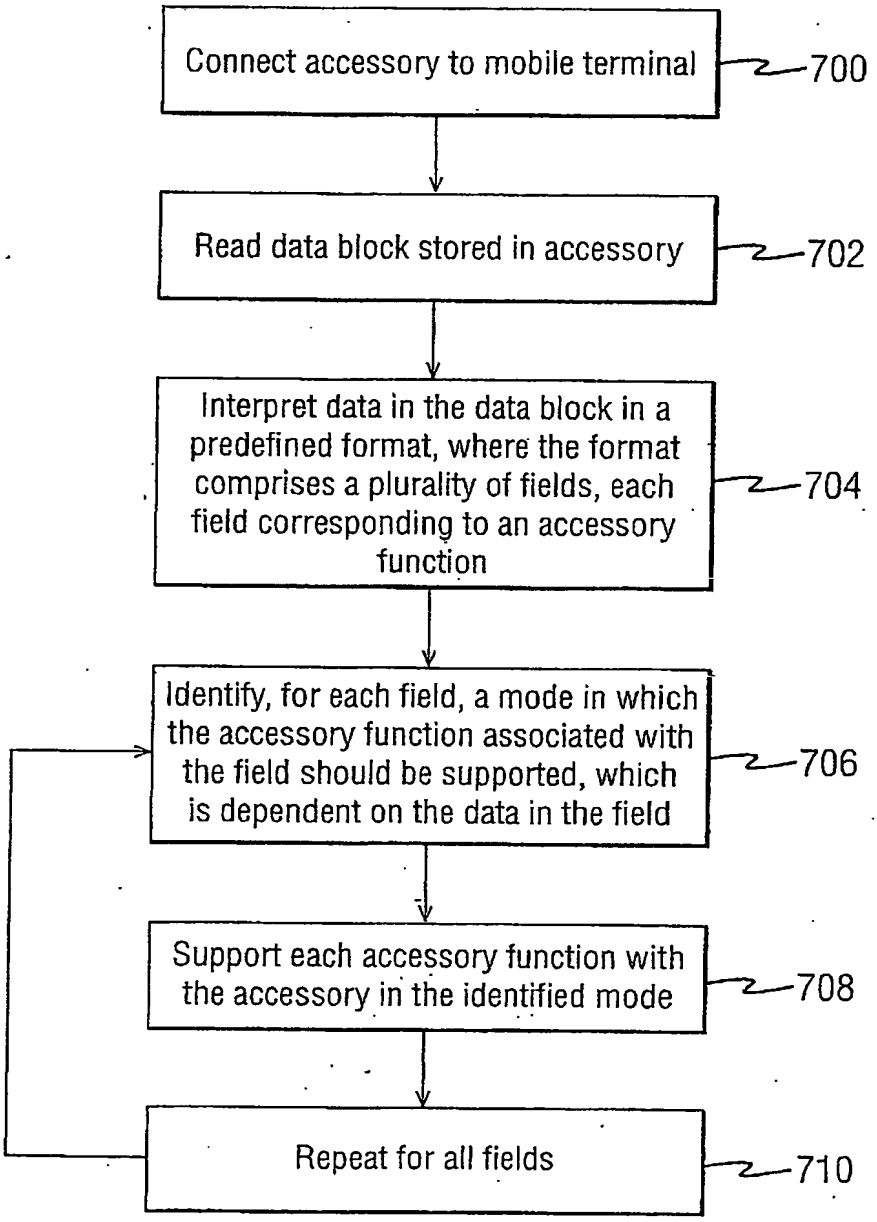
FIG. 5

Resource_ID field	
Bit	**Sub field**
0	NBUS
1	FBUS
2	USB
3	Audio
4	Music playback
5	FM antenna
6	Spare
7	Spare

FIG. 6

Audio Block												
Address	Field	Value	Size	Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	Bit 0	Notes
+14	Uplink sensitivity											
			5 bits						#	#	#	Uplink sensitivity (Mic Gain)
			3 bits	#	#	#	#	#				AEC table selection
+15	Downlink volume											
			5 bits						#	#	#	Downlink sensitivity (Output Gain)
			3 bits	#	#	#	#	#				Max output level
+16	Enhancement Switchers											
			1 bit		#	#	#	#	#	#	#	Up alwe on/off
			1 bit	#		#	#	#	#	#	#	Down alwe on/off
			2 bits	#	#			#	#	#	#	Output switcher
			1 bit	#	#	#	#		#	#	#	Mic on/off
			2 bits	#	#	#	#	#			#	DRC target value
			1 bit	#	#	#	#	#	#	#		Input impedance
+17	Parametric wideb EQ		9 bytes									
+31	Parity byte		1 byte									Odd parity for each bit over the whole block

FIG. 7


Connect accessory to mobile terminal
700
Read data block stored in accessory
702
Interpret data in the data block in a predefined format, where the format comprises a plurality of fields, each field corresponding to an accessory function
704
Identify, for each field, a mode in which the accessory function associated with the field should be supported, which is dependent on the data in the field
706
Support each accessory function with the accessory in the identified mode
708
Repeat for all fields
710